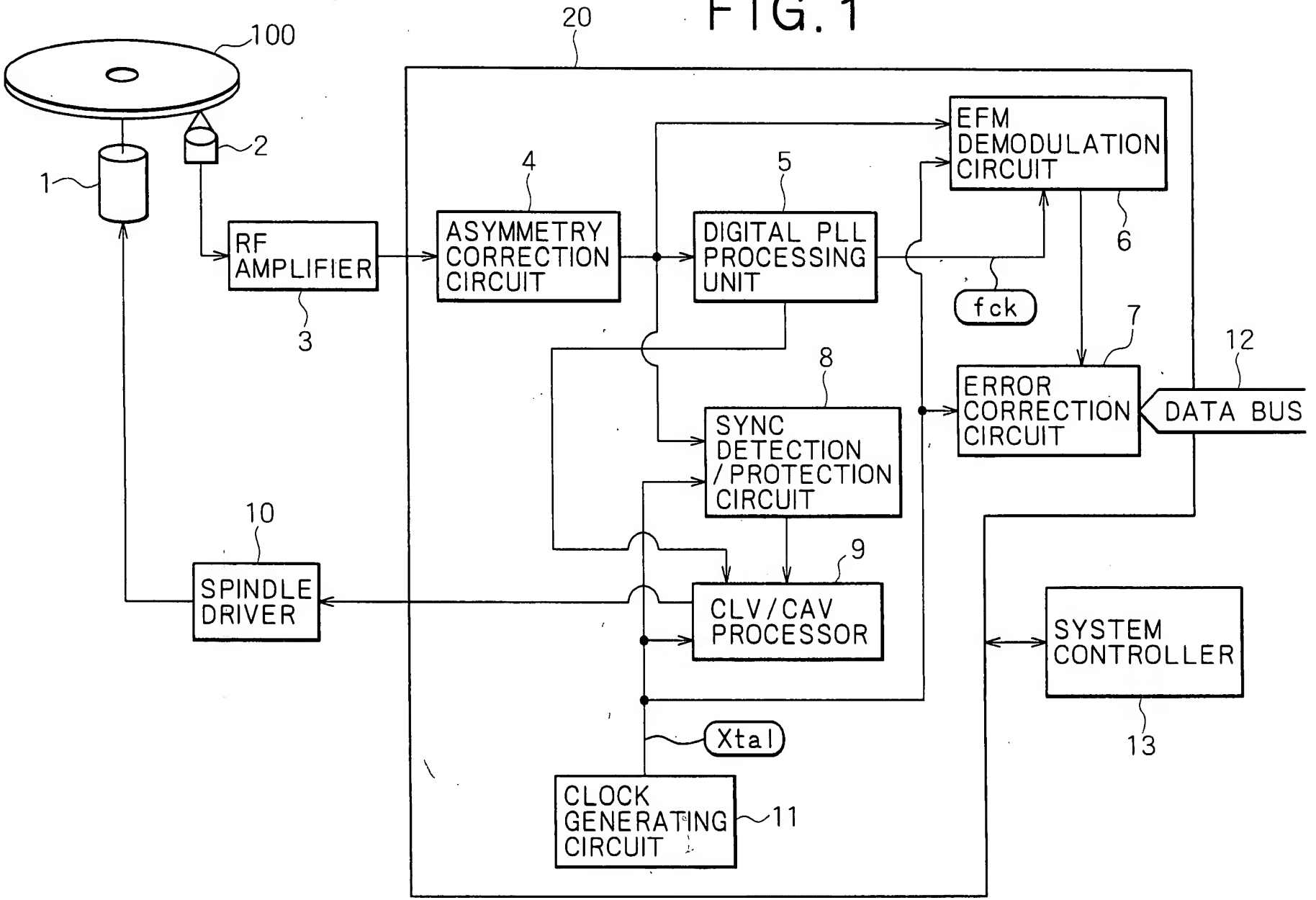
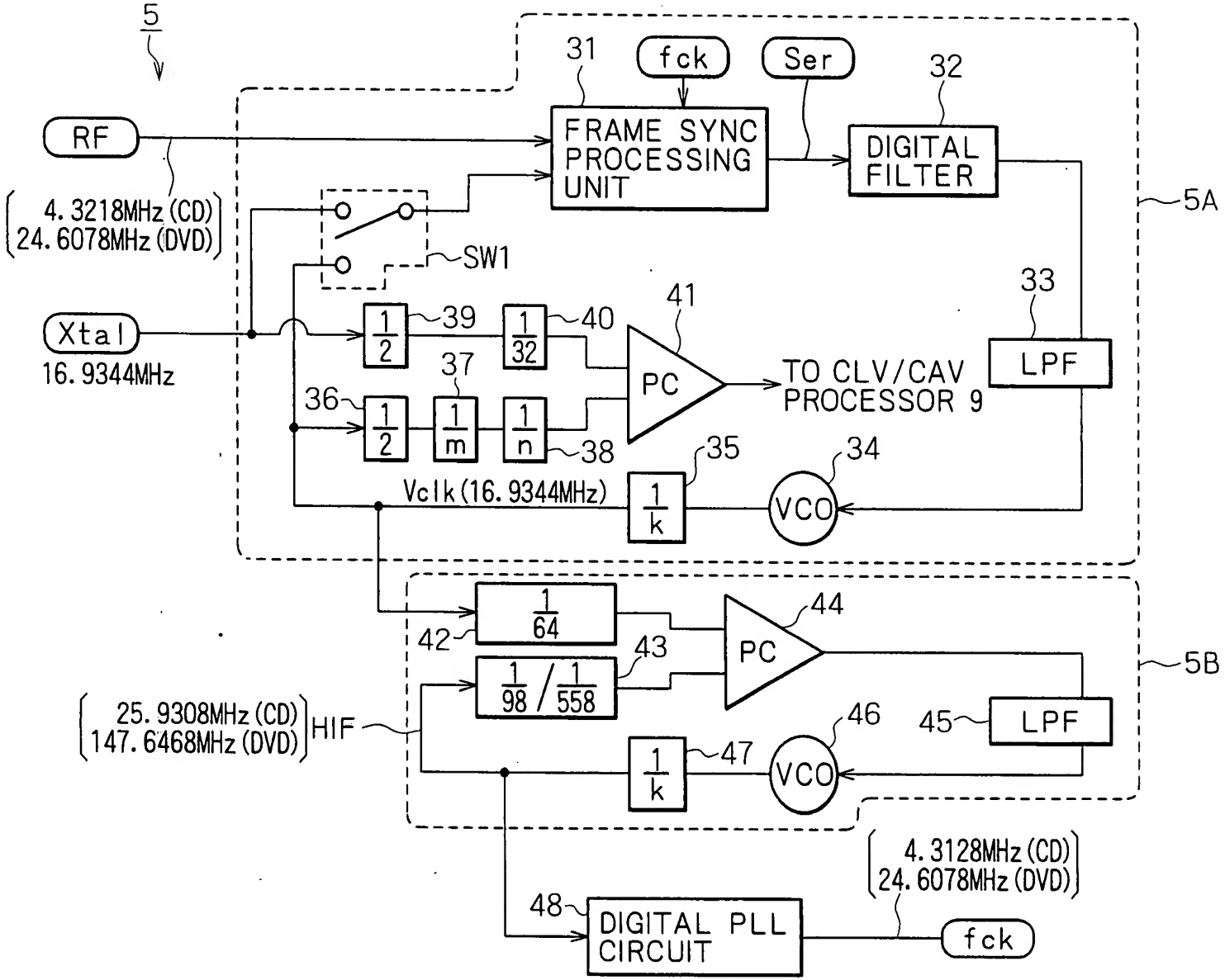
FOREST 24600601

FIG. 1



TOKUGAN 2002-000000

FIG. 2



TOKUGAN 2002-000000

FIG. 3

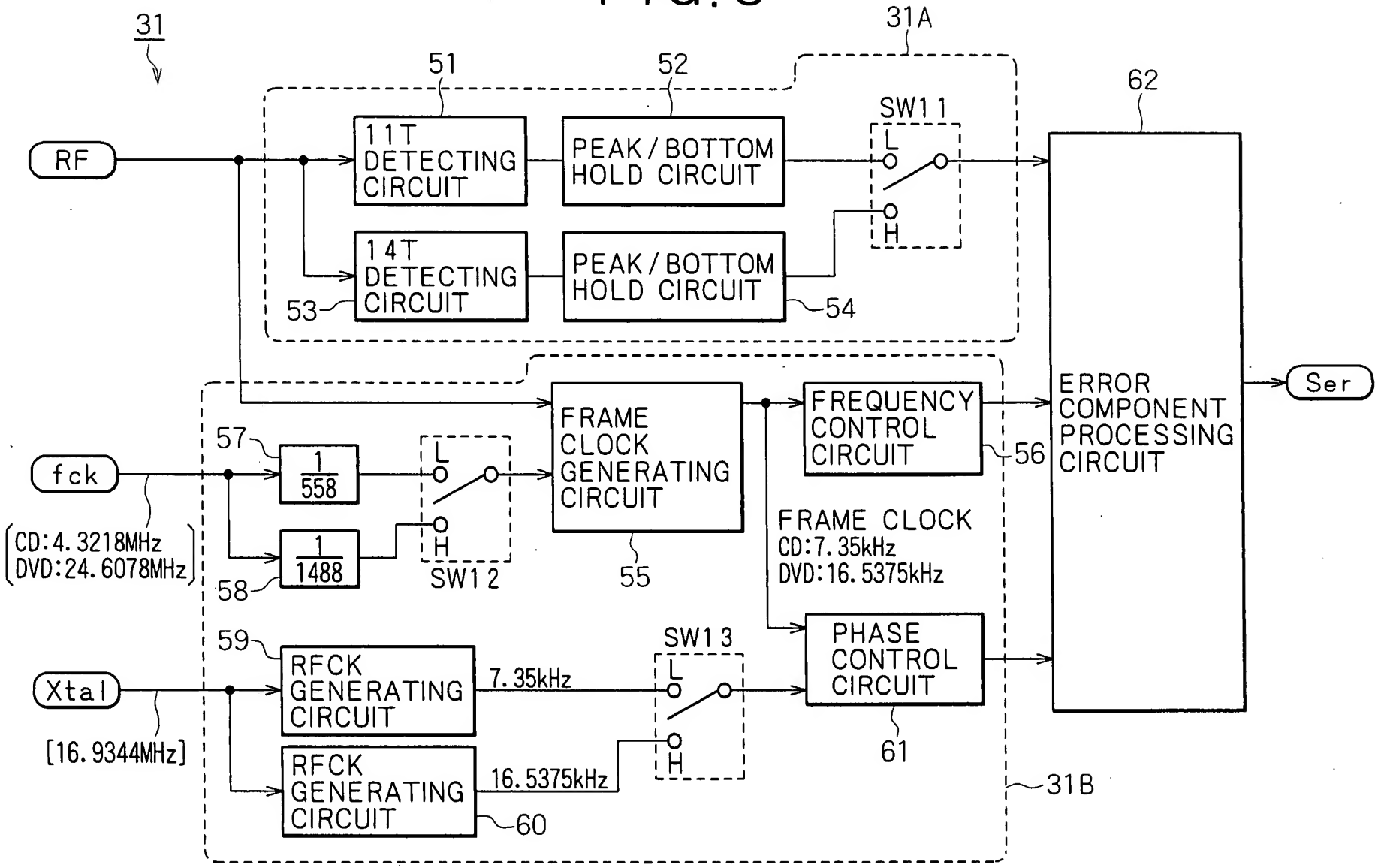
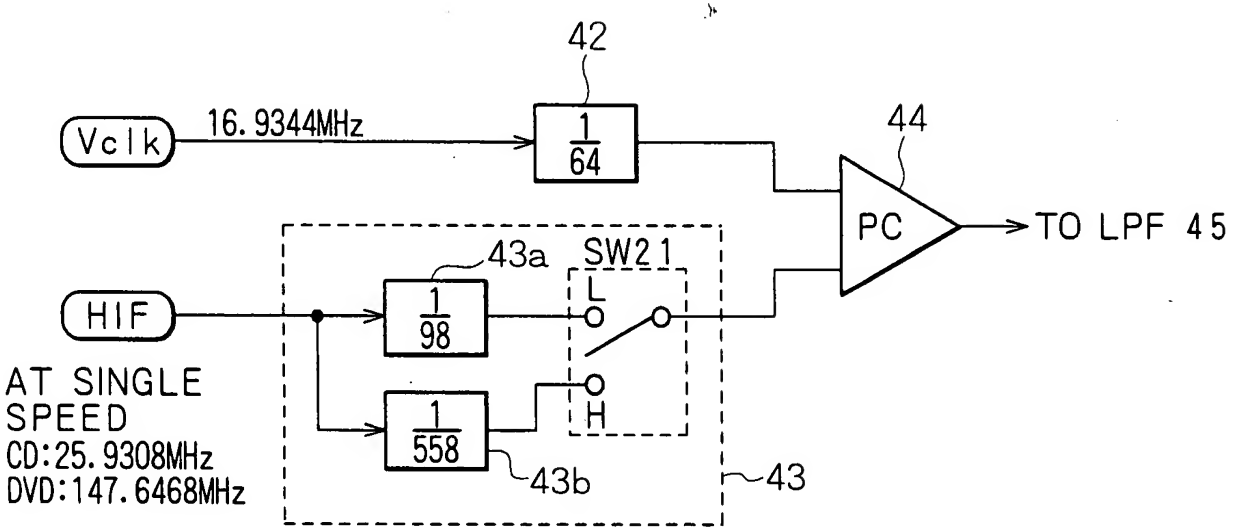


FIG. 4


42
Vclk
16.9344MHz
1/64
44
PC
TO LPF 45
43a
SW21
HIF
1/98
L
H
1/558
43b
43
AT SINGLE SPEED
CD:25.9308MHz
DVD:147.6468MHz

FOR GET "2nd000T

FIG. 5A

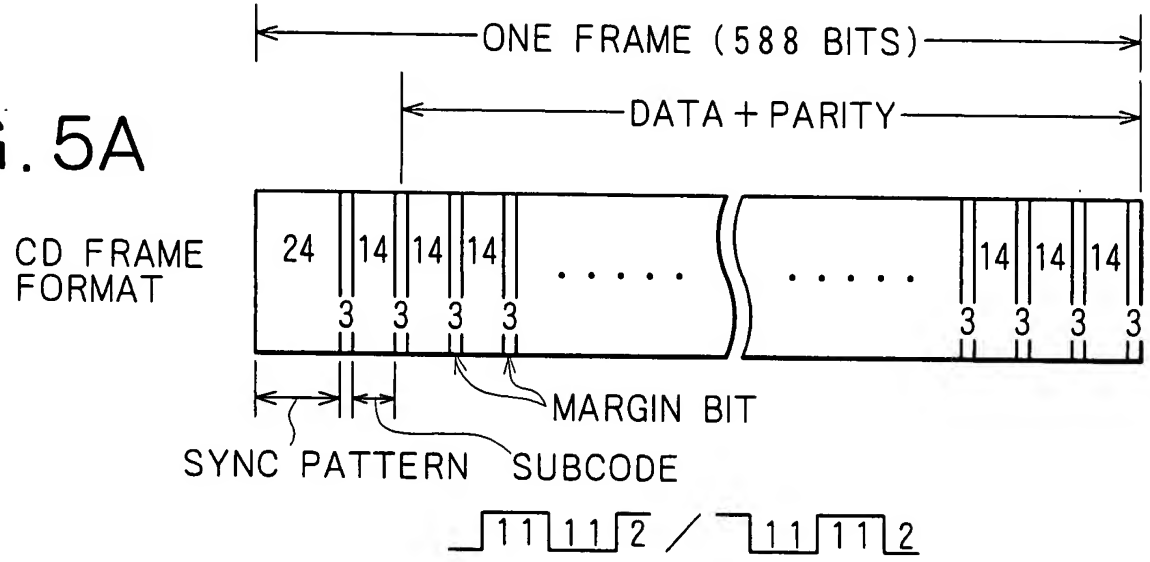


FIG. 5B

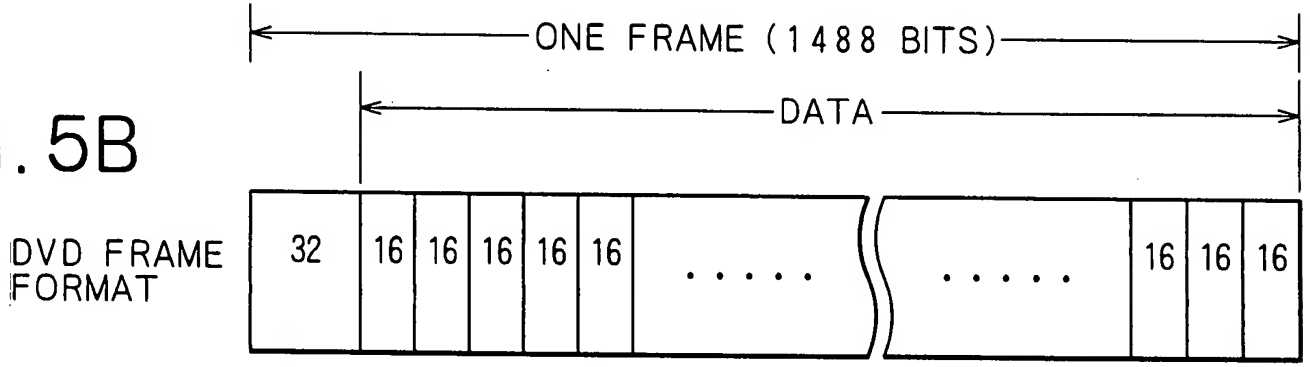


FIG.6

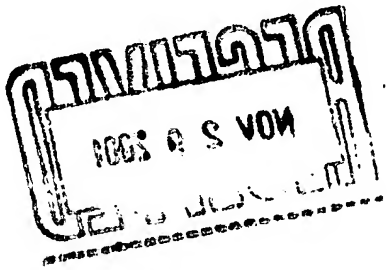
		(MSB) (LSB)
State1	SY0	00010010010001000000000000010001
	SY1	00000100000001000000000000010001
	SY2	00010000000001000000000000010001
	SY3	00001000000001000000000000010001
	SY4	00100000000001000000000000010001
	SY5	00100010010001000000000000010001
	SY6	00100100100001000000000000010001
	SY7	00100100010001000000000000010001
State2	SY0	00010010000001000000000000010001
	SY1	00000100010001000000000000010001
	SY2	00010000010001000000000000010001
	SY3	00001000010001000000000000010001
	SY4	00100000010001000000000000010001
	SY5	00100010000001000000000000010001
	SY6	00100000100001000000000000010001
	SY7	00100100000001000000000000010001
State3	SY0	10010010000001000000000000010001
	SY1	10000100010001000000000000010001
	SY2	10010000010001000000000000010001
	SY3	10000100100010000000000000010001
	SY4	10001000010001000000000000010001
	SY5	10001001000001000000000000010001
	SY6	10010000100001000000000000010001
	SY7	10001000100001000000000000010001
State4	SY0	10010010010001000000000000010001
	SY1	10000100000001000000000000010001
	SY2	10010000000001000000000000010001
	SY3	10000010000001000000000000010001
	SY4	10001000000001000000000000010001
	SY5	10000001000001000000000000010001
	SY6	10000000010001000000000000010001
	SY7	10000000100001000000000000010001

FIXED PATTERN OF 14T + 4T

Target Address

FIG. 7

CD	RF SIGNAL PATTERN	3T~11T
	CHANNEL CLOCK FREQUENCY (fck)	4.3218MHz
	SYNC FRAME LENGTH (Tsync)	588T
	SYNC FRAME FREQUENCY (fsync)	7.35kHz
	SYNC CODE PATTERN	FIXED PATTERN OF 11T+11T+2T
	Xtal	16.9344MHz
	CHANNEL CLOCK GENERATION REFERENCE SIGNAL	16.9344MHz±α
DVD	RF SIGNAL PATTERN	3T~11T, 14T
	CHANNEL CLOCK FREQUENCY (fck)	26.16MHz
	SYNC FRAME LENGTH (Tsync)	1488T
	SYNC FRAME FREQUENCY (fsync)	ABOUT 17.58kHz
	SYNC CODE PATTERN	32T PATTERN INCLUDING 14T+4T (32 TYPES)
	Xtal	16.9344MHz
	CHANNEL CLOCK GENERATION REFERENCE SIGNAL	16.9344MHz±α

FIG. 8

m × n	Ps1	Ps2
33	1.0312	0.970
34	1.0625	0.999
35	1.0938	1.029
36	1.1250	1.058